



1651

Patent  
Attorney Docket: 302,670-011  
(265/083)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

MARK WANG et al.

Serial No.: 09/993,376

Filed: November 14, 2001

For: Method and Apparatus for Sorting of  
Bioparticles Based Upon Optical  
Spectral Signature

Group Art Unit: 1651

Examiner: Jon P. Weber

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Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO/SB/08A are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior Application Serial No. 09/845,245 for which a claim for priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants will provide duplicate copies in respect of the present case only if the Examiner so desires.

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Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: May 23, 2003

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>	
			Application Number	09/993,376
			Filing Date	November 14, 2001
			First Named Inventor	Mark M. Wang et al.
			Group Art Unit	1651
			Examiner Name	Jon P. Weber
Sheet 1 of 2	Attorney Docket Number	0302670-00011 (formerly 265/083)		

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code <sup>2</sup> (if known)			
	US-4253846		Smythe et al	03/03/81	
	US-4386274		Altshuler	05/31/83	
	US-4756427		Göhde	07/12/88	
	US-4886360		Finlan	12/12/89	
	US-5773298		Lynggaard et al	06/30/98	
	US-5942443		Parce et al	08/24/99	
	US-6149789		Benecke et al	11/21/00	
	US-6221654	B1	Quake et al	04/24/01	
	US-6224732	B1	Imasaka et al	05/01/01	
	US-6242209	B1	Ransom et al	06/05/01	
	US-6280967	B1	Ransom et al	08/28/01	
	US-6287758	B1	Okun et al	09/11/01	
	US-6344325	B1	Quake et al	02/05/02	
	US-6399397	B1	Zarling et al	06/04/02	
	US-6514722	B2	Palsson et al	02/04/03	
	US-2002/0058332	A1	Quake et al	05/16/02	
	US-2003/0032204	A1	Walt et al	02/13/03	
	US-2003/0047676	A1	Grier et al	03/13/03	

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	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	WO	01/11333	A2	<del>Ransom et al</del>	<del>02/15/01</del>		
	WO	01/40454	A1	Koller et al	06/07/01		
	WO	01/68110	A1	Koller et al	09/20/01		
	WO	02/22774	A1	Eisfeld et al	03/21/02		
	EP	0635994	B1	Imasaka et al	09/23/98		
	EP	0556748	B1	Nishimura et al	10/28/98		
	JP	4-43434	A	Yasuda et al	02/14/97		Abst

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	ASHKIN et al, "Force Generation Of Organelle Transport Measured In Vivo By An Infrared Laser Trap", Nature, 348, 11/22/90, 346-348.	
	CALDWELL, "Field-Flow Fractionation", Analytical Chemistry, 60, 17, 9/1/88, 959-971.	
	DAVIES et al, "Optically Controlled Collisions Of Biological Objects", SPIE, 3260, 1/25-28/98, 15-22.	



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Sheet 2 of 2

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	ESENER, "Center For Chips With Heterogeneously Integrated Photonics (CHIPS), DARPA Opto Centers Kickoff, 11/08/00, Dana Point, CA.	
	FLYNN et al, "Parallel Transport Of Biological Cells Using Individually Addressable VCSEL Arrays As Optical Tweezers", Sensors & Actuators B, 87, 2002, 239-243.	
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	SHIKANO et al, "Separation Of A Single Cell By Red-Laser Manipulation", Applied Physics Letters, 75, 17, 10/25/99, 2671-2673.	
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	WANG et al, "Integration Of Optoelectronic Array Devices For Cell Transport & Sorting", Photonics West 2001, 01/20-26/01, San Jose, CA.	
	WEI et al, "Laser Trapping Microscopy As A Diagnostic Technique For The Study Of Cellular Response & Laser-Cell Interactions, SPIE, 2983, 02/10-11/97, 22-28.	
	ZAHN et al, "Fluorimetric Multiparameter Cell Assay At The Single Cell Level Fabricated By Optical Tweezers", FEBS Letters, 443, 1999, 337-340.	

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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